



东莞市一佳电子通讯科技有限公司

Dongguan YiJia Electronics Communication Technology Co.,Ltd.

规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2023/09/19
编号 File No	23091902
版本 Revision	1.0

Manufacturer: Dongguan YiJia Electronics Communication Technology Co.,Ltd.

Address: No. Muyu Road, Shatou District, Chang'an Town, Dongguan City, Guangdong

Name: BT Antenna

Model: YJH01.095.001.302A-BT



天线规格

Antenna Specification

Electrical Properties

Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	4.0 dBi
Spec	> 44.6 %
Radiation	Omni-directional
Polarization	Linear

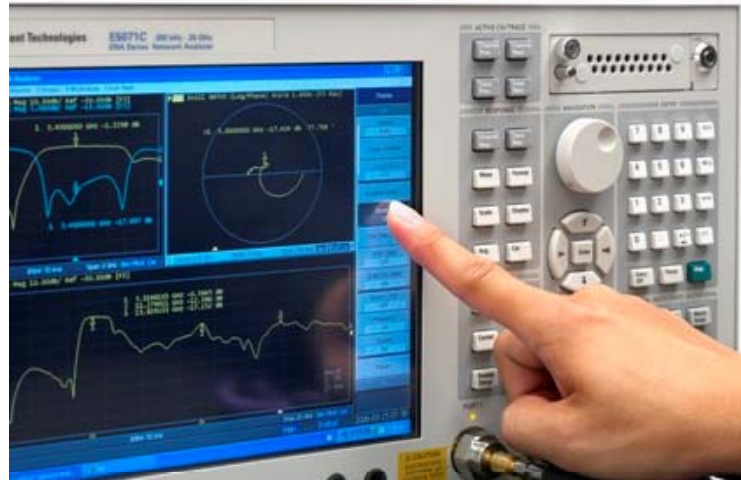
Physical Properties

Connector	IPEX
Cable Type	O.D.1.13mm
Cable Length	65mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	-40 ~ +85 °C / 5%-95%



Antenna Performance Test

**Agilent
E5071B**

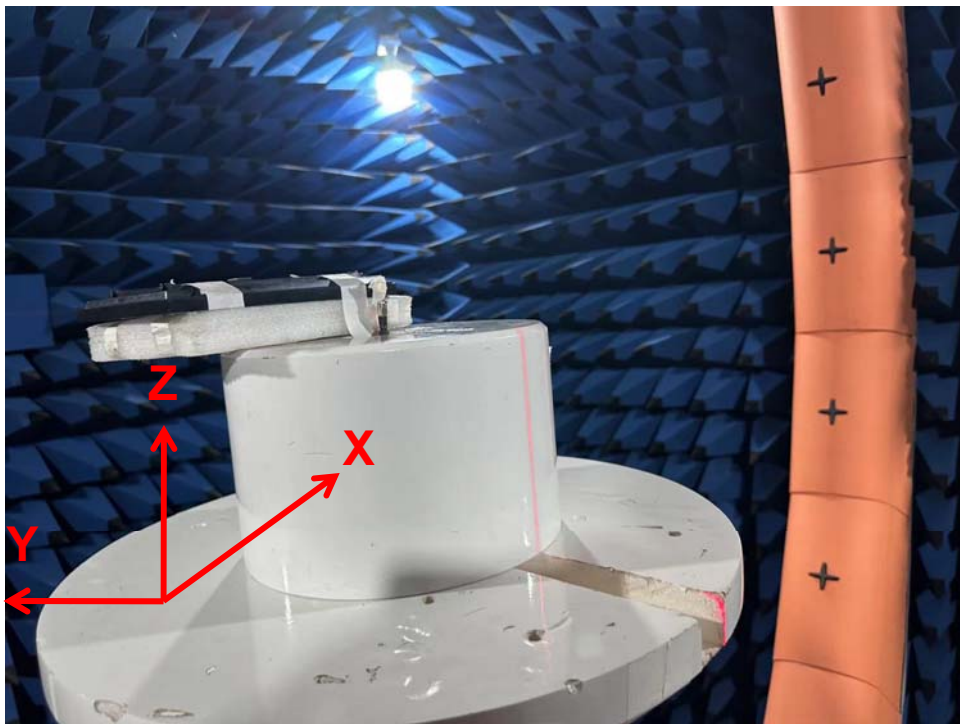
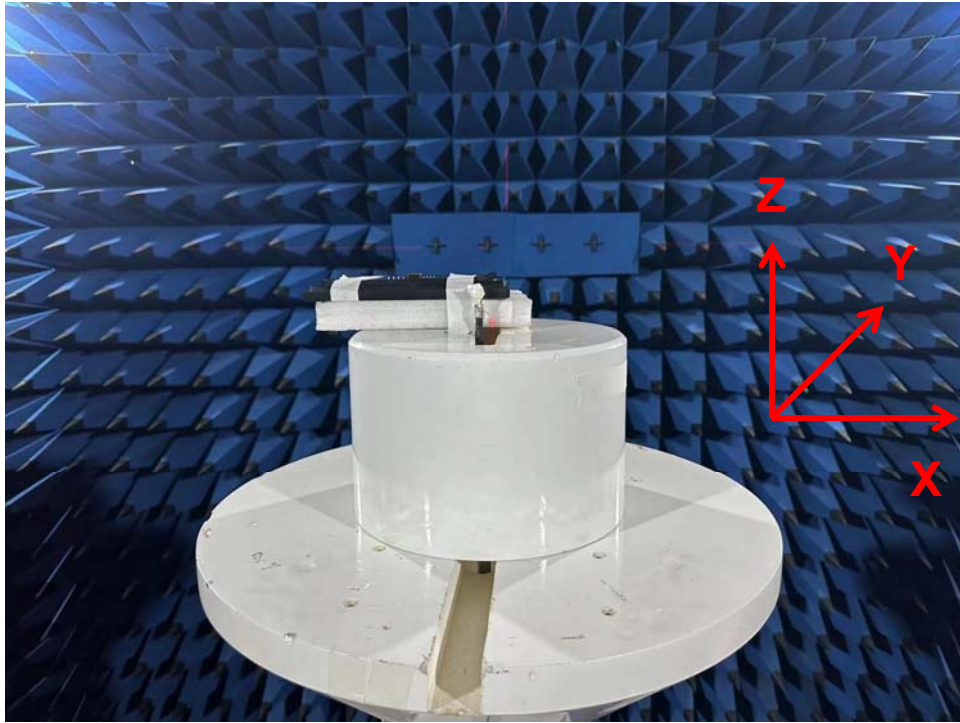


**S11
Parameter
Test //
BT
Antenna**





Antenna Passive Test



Address: No. Muyu Road, Shatou District, Chang'an Town, Dongguan City, Guangdong
Tel:0769-82586086 Fax:0769-82586086

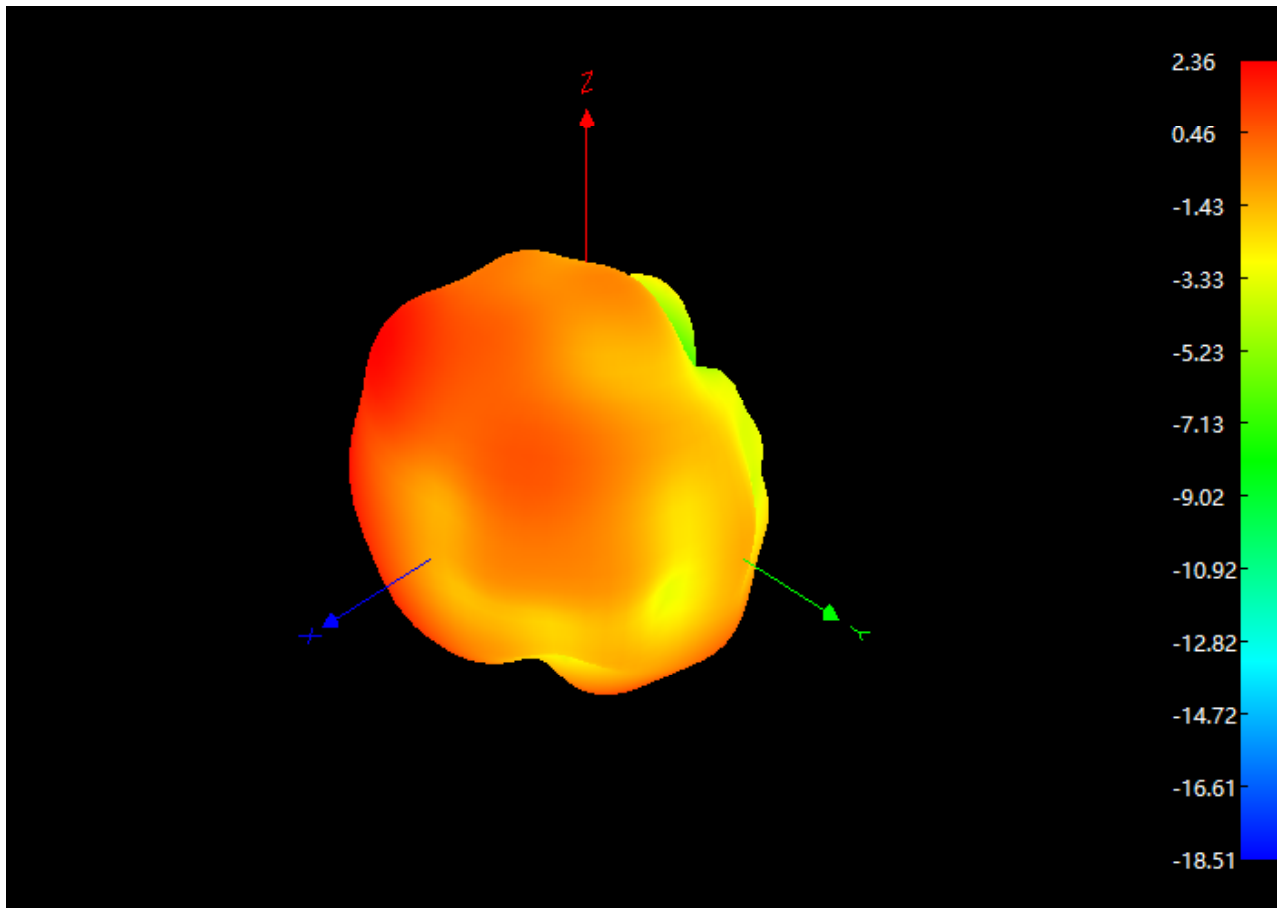


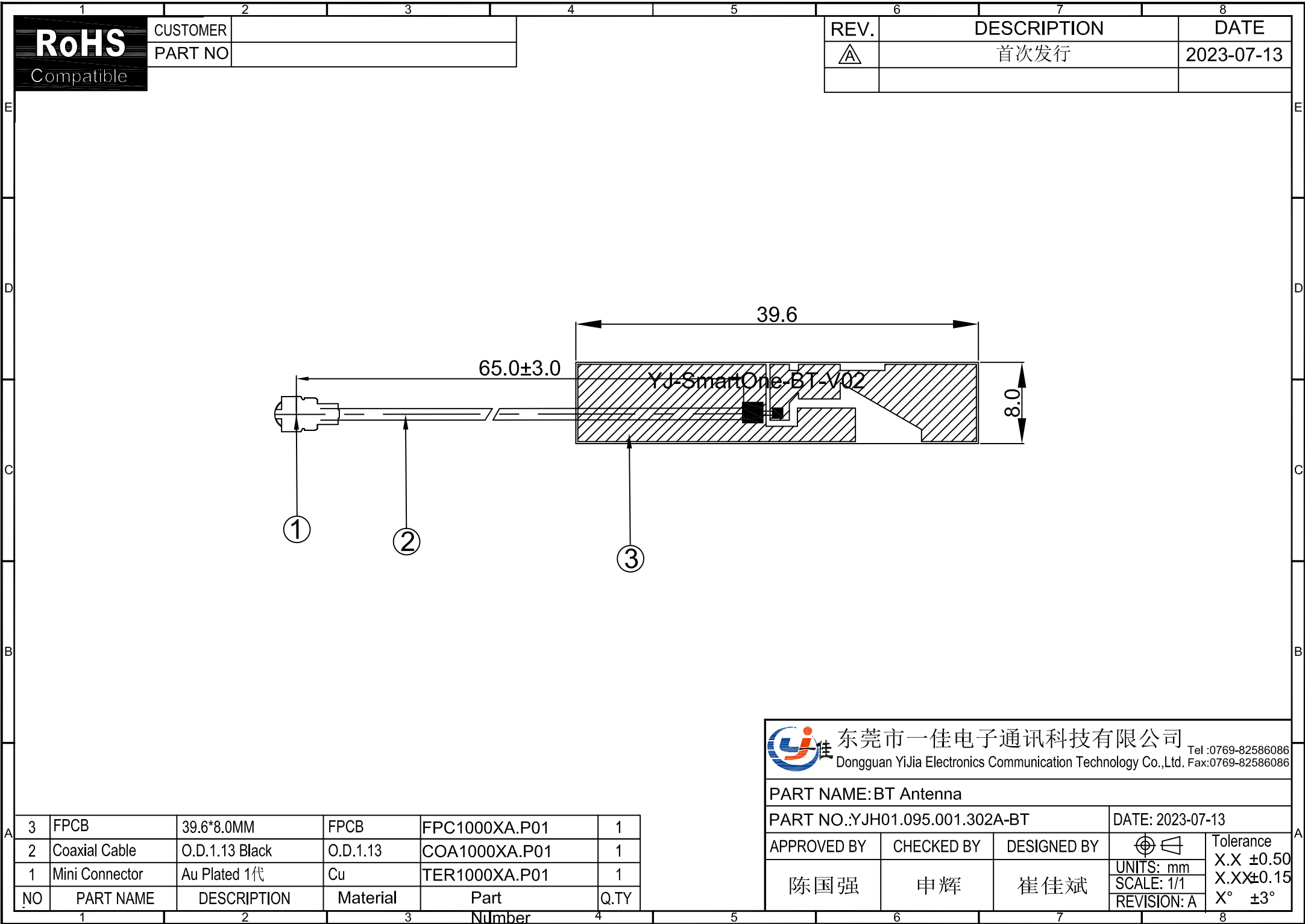
Passive Test For BT Antenna			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	47.8	-3.2	2.0
2410	46.5	-3.3	2.1
2420	48.1	-3.2	2.1
2430	48.5	-3.1	2.0
2440	48.5	-3.1	2.3
2450	50.1	-3.0	2.4
2460	47.0	-3.3	2.5
2470	45.7	-3.4	2.8
2480	44.6	-3.5	3.2
2490	46.6	-3.3	4.0
2500	46.9	-3.3	3.9

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Radiation Pattern For BT Antenna(2450MHz)

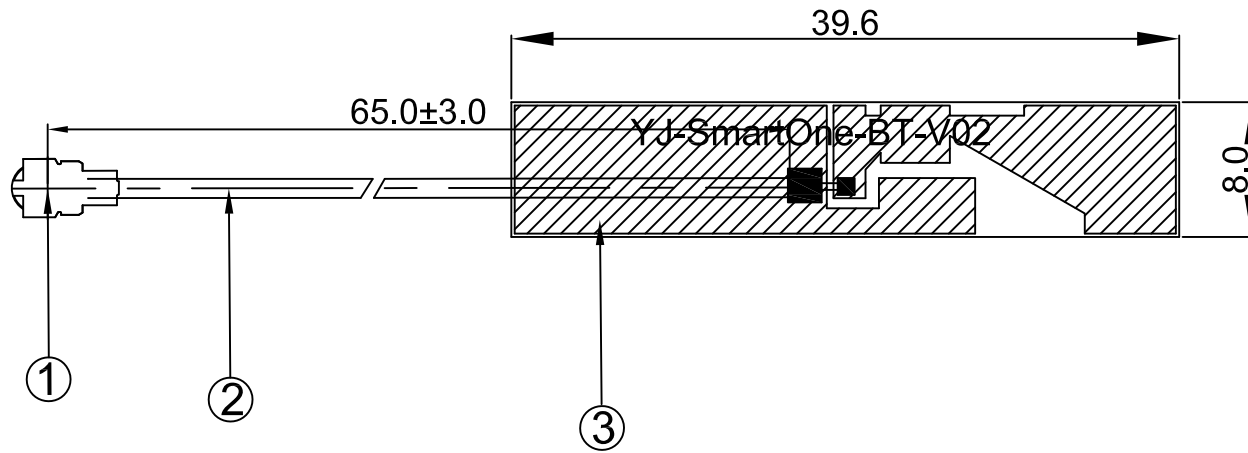




RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
△	首次发行	2023-07-13



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PART NAME: BT Antenna			
PART NO.:YJH01.095.001.302A-BT			DATE: 2023-07-13
APPROVED BY	CHECKED BY	DESIGNED BY	
陈国强	申辉	崔佳斌	UNITS: mm
			SCALE: 1/1
			REVISION: A
			Tolerance X.X ±0.50 X.XX±0.15 X° ±3°

3	FPCB	39.6*8.0MM	FPCB	FPC1000XA.P01	1
2	Coaxial Cable	O.D.1.13 Black	O.D.1.13	COA1000XA.P01	1
1	Mini Connector	Au Plated 1代	Cu	TER1000XA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part	Q.TY